

	Hits	Search Text	DBs
1	123	(flow-through or (flow adj through)) same (array or microarray) same immobiliz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT
2	160	(flow-through or (flow adj through) or through-hole or (through adj hole)) same (array or microarray) same immobiliz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT
3	585	((flow-through or (flow adj through) or through-hole or (through adj hole)) same (array or microarray)) and (bubble same (remov\$ or dissolv\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT
4	260	((flow-through or (flow adj through) or through-hole or (through adj hole)) same (array or microarray)) and (bubble near3 (remov\$ or dissolv\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT
5	91	((((flow-through or (flow adj through) or through-hole or (through adj hole)) same (array or microarray)) and (bubble near3 (remov\$ or dissolv\$))) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
6	77	((flow-through or (flow adj through) or through-hole or (through adj hole)) same (fluid or flow) same (bubble near3 (remov\$ or dissolv\$))) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
7	741	((fluid or flow) same ((air or gas or bubble) near3 (remov\$ or dissolv\$))) and (assay or immunoassay) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
8	59	((fluid or flow) same ((air or gas or bubble) near3 (remov\$ or dissolv\$)) same (accurat\$ or consisten\$ or efficien\$)) and (assay or immunoassay) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
9	125	(microfluidic or microchannel) same flow same (degas\$ or ((remov\$ or dissolv\$ or expel\$) near3 (gas or bubble or air)))	US-PGPUB; USPAT; EPO; JPO; DERWENT
10	33	((((bubble or gas or air) near3 (remov\$ or dissolv\$)) near3 (unwant\$ or interfer\$)) same (dispen\$ or flow)) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
11	344	((bubble or air or gas) same (problem or interfer\$ or unwanted\$) same (flow or fluid or sample) same (remov\$ or dissolv\$)) and (assay or immunoassay) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT

	Hits	Search Text	DBs
12	333	((bubble or air or gas) near3 (problem or interfer\$ or unwanted\$) same (flow or fluid or sample) same (remov\$ or dissolv\$) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
13	79	((bubble or air or gas) near3 (problem or interfer\$ or unwanted\$) same (flow or fluid or sample) same (remov\$ or dissolv\$) and (assay or immunoassay) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
14	32	((bubble or air or gas) near3 (problem or interfer\$ or unwanted\$) same (flow or fluid or sample) same dissolv\$) and (assay or immunoassay) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
15	55	((ultrasonic or pulse or pulsing) same bubble same (prevent\$ or unwanted\$ or dissolv\$) same (fluid or solution or flow)) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
16	74	((fluid or sample or solution) same dispens\$ same (source or device or apparatus or system)) and (bubble near3 dissolv\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT
17	153	((fluid or sample or solution) same dispens\$ same (source or device or apparatus or system)) and (bubble same (ultrasound or sonic\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT
18	377	((air adj bubble) near2 dissolv\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT
19	12	((air adj bubble) near2 dissolv\$) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
20	84	((air adj bubble) near2 dissolv\$) same (flow or flowing)	US-PGPUB; USPAT; EPO; JPO; DERWENT
21	1403	((air adj bubble) near3 remov\$) same (flow or flowing)	US-PGPUB; USPAT; EPO; JPO; DERWENT
22	17	((air adj bubble) near3 remov\$) same (flow or flowing) same (interfer\$ or effectiv\$ or efficien\$ or prevent\$) and ((fluid or solution or sample) near5 dispens\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT
23	364	((air adj bubble) near3 remov\$) same (flow or flowing) same (interfer\$ or effectiv\$ or efficien\$ or prevent\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT

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24	36	((air adj bubble) near3 dissolv\$) same (flow or flowing) same (interfer\$ or effectiv\$ or efficien\$ or prevent\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT
25	288	((air adj bubble) same (dissolv\$ or remov\$ or ultrasonic\$ or sonicat\$) same (prevent\$ or effectiv\$ or accurat\$ or misprint\$ or greater or accurat\$ or accurac\$)) and ((creat\$ or produce or fabricat\$ or print\$) same (array or microarray))	US-PGPUB; USPAT; EPO; JPO; DERWENT
26	395	((air adj bubble) same (dissolv\$ or remov\$ or ultrasonic\$ or sonicat\$)) and ((creat\$ or produce or fabricat\$ or print\$) same (array or microarray)) and (hybridiz\$ or (nucleic adj acid) or DNA or RNA or protein or antibod\$ or antigen or ligand or receptor)	US-PGPUB; USPAT; EPO; JPO; DERWENT
27	566	((air adj bubble) same (eliminat\$ or destroy\$ or dissolv\$) same pressure) and (microfluidic or microchannel or (flow same (conduit or channel)))	US-PGPUB; USPAT; EPO; JPO; DERWENT
28	868	(microfluidic or microchannel or (flow same (conduit or channel))) same (degas or degassed or degassing)	US-PGPUB; USPAT; EPO; JPO; DERWENT
29	79	(microfluidic or microchannel or (flow same (conduit or channel))) same (degas or degassed or degassing) same (advantag\$ or benefit or prefer\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT
30	112	(degas or degassed or degassing) same (creat\$ or produce or fabricat\$ or form or forming) same (array or microarray)	US-PGPUB; USPAT; EPO; JPO; DERWENT
31	663	(centrifug\$ same remov\$ same ((air adj bubble) or gas)) and (array or microarray or assay or immunoassay or microfluidic) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
32	29	(centrifug\$ near3 remov\$ near3 ((air adj bubble) or gas)) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
33	69	(centrifug\$ near5 remov\$ near5 ((air adj bubble) or gas)) and ("422"/\$ or "435"/\$ or "436"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT
34	65	(centrifug\$ near5 remov\$ near5 ((air adj bubble) or gas)) and ((produce or creat\$ or fabricat\$ or print\$) same (array or microarray or pattern or immobiliz\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT

	Hits	Search Text	DBs
35	782	((spin\$ or pressure or puls\$) near5 remov\$ near5 ((air adj bubble) or gas)) and ((produce or creat\$ or fabricat\$ or print\$) same (array or microarray or pattern or immobiliz\$)) and (fluid or solution or sample)	US-PGPUB; USPAT; EPO; JPO; DERWENT

STN Columbus

STN search:

FILE 'MEDLINE, EMBASE, BIOSIS, SCISEARCH, CAPLUS' ENTERED AT 11:35:57 ON
14 APR 2006

L6 4343 S DEGAS?(P) (FLUID OR FLOW OR FLOWING)
L7 352 S L6 AND (MICROFLUIDIC OR MICROCHANNEL OR CHANNEL OR CONDUIT)
L8 133 S L7 AND (PRESSURE OR SONICAT? OR ULTRASONIC?)
L9 102 DUPLICATE REMOVE L8 (31 DUPLICATES REMOVED)
L10 10 S L6 AND (PRINT? OR CREAT? OR FABRICAT? OR PRODUC?) (P) (ARRAY
OR MICROARRAY)
L11 7 DUPLICATE REMOVE L10 (3 DUPLICATES REMOVED)
L12 37 S DEGAS? AND (CREAT? OR PRODUC? OR FABRICAT? OR PRINT?) (P)
(ARRAY OR MICROARRAY)
L13 26 DUPLICATE REMOVE L12 (11 DUPLICATES REMOVED)
L14 748300 S (GAS OR AIR OR BUBBLE) (P) (DISSOLV? OR REMOV? OR ELIMINAT? OR
REDUC?)
L15 45298 S L14(P) (BENEFIT OR ADVANTAG? OR PREFER?)
L16 1895 S L15 AND (SOLUTION OR FLUID OR SAMPLE OR LIQUID) (P) (RESERVOIR
OR SOURCE OR CHAMBER)
L17 21 S L16 AND (PRINT? OR DISPENS? OR DISPEL?)
L18 21 DUPLICATE REMOVE L17 (0 DUPLICATES REMOVED)
L19 283 L14 AND PRINT?(P) (ARRAY OR MICROARRAY OR PATTERN)
L20 235 DUPLICATE REMOVE L19 (48 DUPLICATES REMOVED)
L21 6 L20 AND (ANALYTE OR TARGET)